

Claims:

1. Method for monitoring a moving fabric web (1), at least a part (7) of the width of the fabric web being detected, characterized in that on the one hand an image of the fabric web is produced and on the other hand the movement of the fabric web is detected in the same part of the fabric web.
- 10 2. Device for executing the method according to claim 1, characterized in that a sensor strip (9, 47) is arranged inclined at an angle (α) to the fabric web, and thus on the one hand an image of the fabric web is produced and on the other hand a characteristic connected with the movement of the fabric web is detected in the area of this part of the fabric web.
- 15 3. Device for executing the method according to claim 1, characterized in that apart from a sensor strip (24), with which an image of the fabric web is produced, at least one further sensor (29) for detecting a characteristic connected with the movement of the fabric web is arranged in the area of this part of the fabric web.
- 20 4. Device according to claim 3, characterized in that seen across the width of the fabric web, several sensor strips (30, 32, 34) are arranged each with a further sensor (35, 37, 39), the sensor strips being arranged behind one another in the direction of the width of the fabric web and forming a sensor line.

5. Device according to claim 4, characterized in that at least two substantially parallel sensor lines (27, 28) are arranged relative to the fabric web.

5 6. Device according to claim 4, characterized in that a sensor strip (4a, 4c) from a first sensor line (20) and a sensor strip (4b) from an adjacent second sensor line (21) partly overlap seen in the direction of movement of the fabric web.

10

7. Device according to claim 6, characterized in that a sensor strip from the adjacent sensor line is provided as a further sensor, a characteristic connected with the movement of the fabric web being acquired from the signals 15 of the two overlapping sensor strips.

8. Device according to claim 6, characterized in that a further sensor (13a, 13b) is arranged in the area of overlap of the two sensor strips.

20

9. Device according to claim 5, characterized in that in each sensor line a further sensor is arranged next to a sensor strip seen in the direction of the width of the fabric web.

25

10. Device according to claim 3, characterized in that the further sensor is an optical sensor with several scanning lines.

30 11. Device according to claim 3, characterized in that the sensor strip is an optical sensor with one scanning line.

12. Device according to claim 3, characterized in that the sensor strip is a so-called contact image sensor such as is used in a flatbed scanner.

5 13. Device according to claim 2, characterized in that a processor (15), which is connected to an input/output device (17), is assigned to the sensor strip.

10 14. Device according to claim 11, characterized in that a common input/output device (17) is assigned to several sensor strips and several further sensors.

15 15. Method according to claim 1, characterized in that a first signal is generated from the image of the fabric web and in the same part of the fabric web the movement of the fabric web is detected and a second signal is generated, and the first and the second signal are offset in a suitable manner, in order to produce original geometrical ratios, such as graphic patterns and structures of the 20 fabric web, in the image also.